This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of claims:

Claims 1-7 canceled.

Claim 8 (new): A radio module which may be operated in at least two modes of operation, comprising:

a radio device;

an internal microprocessor device connected to the radio device; and

an interface which is connected to the internal microprocessor device, the interface including a plurality of connection pins for connecting the radio module to at least one external electrical apparatus;

wherein in a passive mode of operation, an external microprocessor device is connected to the radio module as an external electrical apparatus, the radio module is used as a modem for the external microprocessor device, and the radio module may be actuated by the external microprocessor device using AT commands;

wherein in at least one active mode of operation, at least one actuator or sensor is connected to the radio module as an external apparatus, the radio module at least one of actuates and reads the at least one actuator or sensor and may be actuated externally via the radio device; and

wherein an electrical assignment of the plurality of connection pins is reconfigurable such that the internal microprocessor device uses at least one of the plurality of connection pins both for the passive mode of operation and for one of the active modes of operations.

Claim 9 (new): A radio module as claimed in claim 8, wherein the internal microprocessor device is programmed with at least two software programs, with one software program forming an operating system of the radio module, which stipulates the electrical assignment of the connection pins for each of the at least

two modes of operation of the radio module, and with at least one further software program forming application software which stipulates a respective mode of operation of the radio module.

Claim 10 (new): A radio module as claimed in claim 9, wherein the application software may be altered externally by a user, whereas the operating system cannot be altered by the user.

Claim 11 (new): A radio module as claimed in claim 10, wherein the operating system is formed by firmware.

Claim 12 (new): A radio module as claimed in claim 10, wherein the application software is interpreter software.

Claim 13 (new): A radio module as claimed in claim 12, wherein the interpreter software is based on one of Basic and Java programming languages.

Claim 14 (new): A radio module as claimed in claim 9, wherein the application software is separate from the operating system such that the radio device and the interface may be actuated exclusively by the operating system, the application software may access the interface and the radio device exclusively under switching and control of the operating system, and the application software is prevented from accessing the interface and the radio device directly.

Claim 15 (new): A radio module as claimed in claim 9, wherein the passive mode of operation is stored entirely in the operating system.